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BRUHATH BENGALURU MAHANAGARA PALIKE
Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64
No:EE/YNK-D/E-PMT/14/2021-22 Dated: 15-12-2021

APPROVED TENDER SCHEDULE –'B'

Item 01

Name of Work :-Improvements of roads, development of Parks and Construction of Buildings in ward no 01, 02, 03 & 04 of Yelahanka Division Under 2021-22 District Minister Grants (Package No-15)

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri K LAKSHMI NARAYANA REDDY	
				Rate	Rate in Words
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specification and directions of the Engineer in charge.	Cum	206.14	692.57	Six Hundred NinetyTwo Paise FiftySeven Only
2	Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specification and directions of the Engineer in charge.	Sqm	2770.67	11.12	Eleven Paise Twelve Only
3	Removing and refixing stone slabs of drains and pointing in CM (1:3)complete as per specification and directions of the Engineer in charge.	Sqm	5098.37	116.75	One Hundred Sixteen Paise SeventyFive Only
4	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification and directions of the Engineer in charge.	Cum	3683.18	217.77	Two Hundred Seventeen Paise SeventySeven Only
5	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m after breaking of clods	Cum	146.33	405.69	Four Hundred Five Paise SixtyNine Only
6	Excavation for roadwork in all types of soil by with hydralic excavator of 0.9cum bucket capacity including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specification and directions of the Engineer in charge.	Cum	97.55	72.44	SeventyTwo Paise FourtyFour Only

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7	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specification and directions of the Engineer in charge.	Cum	32.30	6282.72	Six Thousand Two Hundred EightyTwo Paise SeventyTwo Only
8	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification and directions of the Engineer in charge.	Cum	131.69	5110.48	Five Thousand One Hundred Ten Paise FourtyEight Only
9	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specification and directions of the Engineer in charge.	Cum	115.64	6677.20	Six Thousand Six Hundred SeventySeven Paise Twenty Only
10	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specification and directions of the Engineer in charge.	Sqm	224.25	157.90	One Hundred FiftySeven Paise Ninety Only
11	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specification and directions of the Engineer in charge.	Cum	91.62	6194.88	Six Thousand One Hundred NinetyFour Paise EightyEight Only
12	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specification and directions of the Engineer in charge.	Cum	413.11	6088.19	Six Thousand EightyEight Paise Nineteen Only

13	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per specification and directions of the Engineer in charge.	Cum	619.72	8108.42	Eight Thousand One Hundred Eight Paise FourtyTwo Only
14	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specification and directions of the Engineer in charge.	Cum	389.79	6616.20	Six Thousand Six Hundred Sixteen Paise Twenty Only
15	Providing and laying in position plain/Reinforced cement concrete M20 for sub-structure/Superstructure works, with cement @ 320 kgs,20mm & down size graded granite metal course aggregate at 0.69 cum and fine aggregates @ 0.46 cum machine mixed with super plasticizers @ 3 its confirming to IS 9103-2008, concrete layed in layers, well compacted and providing weep holes whemever neccesary. with neccesary scaffoldings, from work etc., including cost of labour, HOM curing etc.,complete as per specification and directions of the Engineer in charge.	Cum	8.24	5536.35	Five Thousand Five Hundred ThirtySix Paise ThirtyFive Only
16	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specification and directions of the Engineer in charge.	tonne	47.94	95035.29	NinetyFive Thousand ThirtyFive Paise TwentyNine Only
17	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc complete as per specification and directions of the Engineer in charge.. (Data Rate)	Sqm	1371.42	2016.18	Two Thousand Sixteen Paise Eighteen Only
18	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery ,loading ,unloading ,lead and lift,transportation etc ,complete as per specification and directions of the Engineer in charge.. (Data Rate)	Sqm	54.90	2451.51	Two Thousand Four Hundred FiftyOne Paise FiftyOne Only

19	Suply and Fixing Preacast reinforced concrete slab 15cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinary, machine cutting the vertical face to get plain even surfaces etc, complete as per specification and directions of the Engineer in charge.	Sqm	321.75	2615.16	Two Thousand Six Hundred Fifteen Paise Sixteen Only
20	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete as per specification and directions of the Engineer in charge.	Sqm	181.31	5683.48	Five Thousand Six Hundred EightyThree Paise FourtyEight Only
21	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specification and directions of the Engineer in charge.	Sqm	126.09	453.17	Four Hundred FiftyThree Paise Seventeen Only
22	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specification and directions of the Engineer in charge.	Sqm	80.37	855.35	Eight Hundred FiftyFive Paise ThirtyFive Only
23	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete as per specification and directions of the Engineer in charge.	Cum	37.83	7026.47	Seven Thousand TwentySix Paise FourtySeven Only
24	Fabricating providing and erecting in position of MS Hot Dip galvanized sq hallow poles of 132 x132 heavy gauge length 3000mm with MS Hot Dip galvanized grill work as per approved design and drawing of chief architect using 12 x75mm galvanized flat for alround frame and 20 x 20mm galvanized forged ornamental arrow head in top and buttom the work is inclusive of throughing flat square rods placing welding all the joints including griding finishing 2 coats of anticorrossive paint over one coat of metal primer the rate is inclusive of all materials all items of work cost painting welding cutting griding with lead and lift as per specifications including loading and unloading with cost and conveyance of all materials labour machinery and incidental charges for the successful completion of the work as per direction of engineer in charge of work	Sqm	447.21	9592.20	Nine Thousand Five Hundred NinetyTwo Paise Twenty Only

25	Providing & laying heavy duty cobble stones 60mm thick interlock pavers,using cement & course sand for manufacture of blocks of approved size ,shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (Avg thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specification and directions of the Engineer in charge.	Sqm	1521.26	1170.87	One Thousand One Hundred Seventy Paise EightySeven Only
26	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specification and directions of the Engineer in charge.	Cum	58.53	714.87	Seven Hundred Fourteen Paise EightySeven Only
	Dismantling Kerb stone by manual means and disposal of dismantled materials with all lifts and complete as per specification and directions of the Engineer in charge.	m	797.25	13.34	Thirteen Paise ThirtyFour Only
8	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms). Including cost of materials, labour , HOM complete as per specification and directions of the Engineer in charge.	Sqm	817.07	95.63	NinetyFive Paise SixtyThree Only
29	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specification and directions of the Engineer in charge.	Cum	244.27	6582.36	Six Thousand Five Hundred EightyTwo Paise ThirtySix Only
30	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specification and directions of the Engineer in charge.	Sqm	1364.17	1027.43	One Thousand TwentySeven Paise FourtyThree Only

31	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lesser than 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 ; as per IS 2572:2005 including cost of materials, labour charges,scaffolding ,curing complete as per specification and directions of the Engineer in charge.	Sqm	174.00	1059.68	One Thous FiftyNine Pa SixtyEight O
32	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as per specification and directions of the Engineer in charge.	Nos	11273.00	453.67	Four Hundred FiftyThree Paise SixtySeven Only
33	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specification and directions of the Engineer in charge.	Sqm	2110.60	88.96	EightyEight Paise NinetySix Only
34	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specification and directions of the Engineer in charge.	Cum	2363.55	59.02	FiftyNine Paise Two Only
35	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specification and directions of the Engineer in charge.	Sqm	7627.80	6.67	Six Paise SixtySeven Only
36	Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specification and directions of the Engineer in charge.	Cum	554.84	361.38	Three Hundred SixtyOne Paise ThirtyEight Only
37	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specification and directions of the Engineer in charge.	Cum	215.78	2092.67	Two Thousand NinetyTwo Paise SixtySeven Only

	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification and directions of the Engineer in charge.	Cum	1077.52	2099.34	Two Thousand NinetyNine Paise ThirtyFour Only
39	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specification and directions of the Engineer in charge.	Sqm	2804.91	35.58	ThirtyFive Paise FiftyEight Only
40	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specification and directions of the Engineer in charge.	Cum	140.25	8964.46	Eight Thousand Nine Hundred SixtyFour Paise FourtySix Only
41	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specification and directions of the Engineer in charge.	Sqm	14740.95	5.56	Five Paise FiftySix Only
42	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specification and directions of the Engineer in charge.	Sqm	15761.75	13.34	Thirteen Paise ThirtyFour Only
43	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specification and directions of the Engineer in charge.	Cum	630.47	10491.15	Ten Thousand Four Hundred NinetyOne Paise Fifteen Only

44	.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specification and directions of the Engineer in charge.	Sqm	478.02	477.02	Four Hundre SeventySeve Paise Two Only
45	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specification and directions of the Engineer in charge.	Cum	1082.32	1072.85	One Thousand SeventyTwo Paise EightyFive Only
46	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specification and directions of the Engineer in charge.	Cum	1218.46	4421.15	Four Thousand Four Hundred TwentyOne Paise Fifteen Only
47	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire chargedof machines,all lead and lift charges etc., complete as per specification and directions of the Engineer in	Cum	1218.46	6296.43	Six Thousand Two Hundred NinetySix Paise FourtyThree Only

8	Earthwork excavation in soil, clay, sand, shedu soil, soft murrum, including shoring, strutting, barricading, danger lighting, bailing out water wherever necessary with stacking the materials as directed upto a lead of 50 Mtr and lift of 1.5 Mtr etc.,complete as per specification and directions of the Engineer in charge.	Cum	152.60	373.84	Three Hundred SeventyThree Paise EightyFour Only
49	Add for additional lift charges for every lift of 1.50 M or part thereof beyond 1.50 Mtr to 10.50 Mtr complete as per specification and directions of the Engineer in charge.	Cum	76.30	61.59	SixtyOne Paise FiftyNine Only
50	Providing and laying in position plain cement concrete of grade M 10 with cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregtes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, including cost of all materials, labour, HOM of machinery, curing,lowering to any depth, dewatering etc., complete as per specification and directions of the Engineer in charge.	Cum	1.70	6518.48	Six Thousand Five Hundred Eighteen Paise FourtyEight Only
51	100 mm and down nominal size complete as per specification and directions of the Engineer in charge.	Cum	13.56	1067.10	One Thousand SixtySeven Paise Ten Only
52	40 mm nominal size stone aggregates complete as per specification and directions of the Engineer in charge.	Cum	37.30	1179.25	One Thousand One Hundred SeventyNine Paise TwentyFive Only
53	20 mm nominal size stone aggregates complete as per specification and directions of the Engineer in charge.	Cum	13.56	1179.25	One Thousand One Hundred SeventyNine Paise TwentyFive Only
54	6 mm nominal size stone aggregates complete as per specification and directions of the Engineer in charge.	Cum	13.56	1179.25	One Thousand One Hundred SeventyNine Paise TwentyFive Only
55	KSRB 2.6: Providing and filling sand complete as per specification and directions of the Engineer in charge.	Cum	11.30	1816.22	One Thousand Eight Hundred Sixteen Paise TwentyTwo Only
56	Supplying & errection of RCC rings for well steining of 0.3 Mtr Depth using M-20 grade concrete using clean graded granite or trap or jelly of approved quality 20mm and down size well compacted including centering, formwork and plastering for both faces with C.M 1:3 proportion as per design using 6.50mm M.S. coil at the rate of 10 Kgs/ring including cost of steel and fabrication, bailing out of water, errection etc., complete as per specification and directions of the Engineer in charge.	Each	60.00	1198.24	One Thousand One Hundred NinetyEight Paise TwentyFour Only

57	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specification and directions of the Engineer in charge.	Sqm	536.49	105.63	One Hund[illegible] Five Pais[illegible] SixtyThree O[illegible]
58	Providing and laying heavy duty cobble stones 60mm thick interlock pavers,using cement and course sand for manufacturer of blocks of approved size,shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed(average Thinkness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to comeup in between joints , final compaction of pavers surfaces joint into its final level including cost of materials,labour and HOM complete as per specification and directions of the Engineer in charge	Sqm	817.07	1170.87	One Thousand One Hundred Seventy Paise EightySeven Only
59	Executive Bench-Made out of Sadarahalli grey stone with hand supports with 3 line finishing with arch design with 100mm slabs. Height 90X Length 1500 width 45 cms complete as per specification and directions of the Engineer in charge. (Data approved rate)	Nos	28.00	19091.80	Nineteen Thousand NinetyOne Paise Eighty Only
60	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Octagonal pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for ....Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom .....mm, top....mm with 3mm thick, suitable base plate and 4Nos of ..... long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc., (excluding foundation) as per drawing appended.3 meters - Top 70mm and bottom 130mm diacomplete as per specification and directions of the Engineer in charge.	Each	2.00	5622.64	Five Thousand Six Hundred TwentyTwo Paise SixtyFour Only

	LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with ....W System Power consumption, LED Efficiency>130lm/w at 1W &	Nos	26.00	1930.16	One Thousand Nine Hundred Thirty Paise Sixteen Only
62	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specification and directions of the Engineer in charge.	Cum	20.01	508.68	Five Hundred Eight Paise SixtyEight Only
63	Filling available excavated earth (Excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50m . And lift upto 1.5m including cost of all labour complete as per specification and directions of the Engineer in charge.	Cum	7.98	227.72	Two Hundred TwentySeven Paise SeventyTwo Only
64	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specification and directions of the Engineer in charge.	Sqm	7.62	292.29	Two Hundred NinetyTwo Paise TwentyNine Only
65	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specification and directions of the Engineer in charge.	Sqm	41.04	405.59	Four Hundred Five Paise FiftyNine Only
66	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specification and directions of the Engineer in charge.	Cum	2.96	2751.86	Two Thousand Seven Hundred FiftyOne Paise EightySix Only

67	Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specification and directions of the Engineer in charge.	Cum	2.22	6549.09	Six Tho[illegible] Five Hu[illegible] FourtyNine [illegible] Nine Only
68	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specification and directions of the Engineer in charge.	Cum	9.58	7647.31	Seven Thousand Six Hundred FourtySeven Paise ThirtyOne Only
69	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specification and directions of the Engineer in charge.	Cum	21.88	470.88	Four Hundred Seventy Paise EightyEight Only
70	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specification and directions of the Engineer in charge.	Cum	64.51	411.96	Four Hundred Eleven Paise NinetySix Only
71	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods Complete as per specifications and the directions of the Engineer-in-charge	Cum	637.46	508.68	Five Hundred Eight Paise SixtyEight Only

2	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete as per specifications and the directions of the Engineer-in-charge	Cum	98.18	2751.86	Two Thousand Seven Hundred FiftyOne Paise EightySix Only
73	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing Complete as per specifications and the directions of the Engineer-in-charge	Cum	161.87	6401.27	Six Thousand Four Hundred One Paise TwentySeven Only
74	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specification and directions of the Engineer in charge.	Cum	59.79	6203.05	Six Thousand Two Hundred Three Paise Five Only
75	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specification and directions of the Engineer in charge.	cum	54.01	6706.56	Six Thousand Seven Hundred Six Paise FiftySix Only
76	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specification and directions of the Engineer in charge.	Cum	59.86	6741.03	Six Thousand Seven Hundred FourtyOne Paise Three Only
77	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification and directions of the Engineer in charge.	Cum	185.12	5206.90	Five Thousand Two Hundred Six Paise Ninety Only

78	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specification and directions of the Engineer in charge.	Cum	66.31	6803.18	Six Th… Eight H… Three P… Eighteen O…
79	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge	Sqm	152.11	160.87	One Hundred Sixty Paise EightySeven Only
80	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specification and directions of the Engineer in charge.	Sqm	212.59	292.29	Two Hundred NinetyTwo Paise TwentyNine Only
81	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.complete as per specification and directions of the Engineer in charge.	sqm	279.81	453.17	Four Hundred FiftyThree Paise Seventeen Only
82	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Sqm	287.79	405.59	Four Hundred Five Paise FiftyNine Only
83	Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Sqm	226.25	516.61	Five Hundred Sixteen Paise SixtyOne Only
84	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specification and directions of the Engineer in charge.	Sqm	173.44	330.81	Three Hundred Thirty Paise EightyOne Only
85	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specification and directions of the Engineer in charge.	Sqm	18.96	855.35	Eight Hundred FiftyFive Paise ThirtyFive Only
86	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specification and directions of the Engineer in charge.	Sqm	19.17	365.93	Three Hundred SixtyFive Paise NinetyThree Only

	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Sqm	3.78	589.12	Five Hundred EightyNine Paise Twelve Only
88	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour Complete as per specifications and the directions of the Engineer-in-charge	Cum	1217.80	227.72	Two Hundred TwentySeven Paise SeventyTwo Only
89	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per specification and directions of the Engineer in charge.	Cum	201.98	70.38	Seventy Paise ThirtyEight Only
90	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, Complete as per specifications and the directions of the Engineer-in-charge	Cum	20.16	7647.31	Seven Thousand Six Hundred FourtySeven Paise ThirtyOne Only
91	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, Complete as per specifications and the directions of the Engineer-in-charge	Cum	210.50	7383.34	Seven Thousand Three Hundred EightyThree Paise ThirtyFour Only
92	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete as per specification and directions of the Engineer in charge.	Cum	68.80	7026.47	Seven Thousand TwentySix Paise FourtySeven Only

93	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specification and directions of the Engineer in charge.	Sqm	14.40	561.93	Five Hundre SixtyOne Pai NinetyThree On
94	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specification and directions of the Engineer in charge.	tonne	41.87	99036.47	NinetyNine Thousand ThirtySix Paise FourtySeven Only
95	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc.,Complete as per specifications and the directions of the Engineer-in-charge	Sqm	510.36	1033.22	One Thousand ThirtyThree Paise TwentyTwo Only
96	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., Complete as per specifications and the directions of the Engineer-in-charge	Sqm	102.60	1112.53	One Thousand One Hundred Twelve Paise FiftyThree Only
97	Providing and constructing load bearing wall with solid concrete blocks of size 400X150X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specification and directions of the Engineer in charge.	Sqm	30.54	1079.67	One Thousand SeventyNine Paise SixtySeven Only

	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc.Complete as per specifications and the directions of the Engineer-in-charges.Ground Floor	Sqm	69.37	918.80	Nine Hundred Eighteen Paise Eighty Only
99	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., Complete as per specifications and the directions of the Engineer-in-charge.First Floor	Sqm	36.12	958.45	Nine Hundred FiftyEight Paise FourtyFive Only
100	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification and directions of the Engineer in charge.	Sqm	382.90	295.69	Two Hundred NinetyFive Paise SixtyNine Only
101	Providing 15mm thick plain plastering in single coat to external masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & mixing water proofing compound of approved quality and make as admixture to cement mortar as per manufacturer's specifications, providing & removing necessary scaffolding, rounding of corners wherever required, sponge finishing, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	Sqm	260.69	250.38	Two Hundred Fifty Paise ThirtyEight Only
102	Providing 15mm thick plain plastering in single coat to external masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & mixing water proofing compound of approved quality and make as admixture to cement mortar as per manufacturer's specifications, providing & removing necessary scaffolding, rounding of corners wherever required, sponge finishing, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., Complete as per specifications and the directions of the Engineer-in-charger. First Floor	Sqm	260.69	263.97	Two Hundred SixtyThree Paise NinetySeven Only

103	Providing 15mm thick plain plastering in single coat to external masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & mixing water proofing compound of approved quality and make as admixture to cement mortar as per manufacturer's specifications, providing & removing necessary scaffolding, rounding of corners wherever required, sponge finishing, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., Complete as per specifications and the directions of the Engineer-in-charge. Terrace Floor	Sqm	205.20	277.57	Two Hundred SeventySeven Paise FiftySeven Only
104	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge	Sqm	239.06	231.12	Two Hundred ThirtyOne Paise Twelve Only
105	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge. First Floor	Sqm	338.94	237.91	Two Hundred ThirtySeven Paise NinetyOne Only
106	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., Complete as per specifications and the directions of the Engineer-in-charge. Ground Floor	Sqm	1206.83	88.37	EightyEight Paise ThirtySeven Only
107	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, Complete as per specifications and the directions of the Engineer-in-chargeGround Floor	Sqm	617.61	101.96	One Hundred One Paise NinetySix Only

108	Providing textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall surface with wire brush of medium size emery stone to remove all the loosely adhering particles, the surface is then cleaned with water and ensured that it is in line and level. The textured material is then mixed with 40-50% of clean water until a homogeneous thick slurry is formed, the slurry is left for 5-10 min, to react completely with ingredients. The textured finish prepared as above is then applied to the wall surface with suitable roller/spray gun/putty/ blade/ trowel to get the desired finish. The finished surface shall be applied with two coats of exterior paint of approved shade. The rate includes providing and removing scaffolding, all lead and lift and all other incidental charges etc., Complete as per specifications and the directions of the Engineer-in-charge.Ground Floor	Sqm	260.69	497.35	Four Hundred NinetySeven Paise ThirtyFive Only
109	Providing textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall surface with wire brush of medium size emery stone to remove all the loosely adhering particles, the surface is then cleaned with water and ensured that it is in line and level. The textured material is then mixed with 40-50% of clean water until a homogeneous thick slurry is formed, the slurry is left for 5-10 min, to react completely with ingredients. The textured finish prepared as above is then applied to the wall surface with suitable roller/spray gun/putty/ blade/ trowel to get the desired finish. The finished surface shall be applied with two coats of exterior paint of approved shade. The rate includes providing and removing scaffolding, all lead and lift and all other incidental charges etc., Complete as per specifications and the directions of the Engineer-in-charge.First Floor	Sqm	260.69	506.42	Five Hundred Six Paise FourtyTwo Only
110	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specification and directions of the Engineer in charge.	Sqm	270.61	385.19	Three Hundred EightyFive Paise Nineteen Only
111	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, ; including Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge	Sqm	630.47	254.91	Two Hundred FiftyFour Paise NinetyOne Only
112	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge	Sqm	322.09	232.25	Two Hundred ThirtyTwo Paise TwentyFive Only

113	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge	Sqm	78.98	239.05	Two Hun[illegible] ThirtyNine [illegible] Five Only
114	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. Complete as per specifications and the directions of the Engineer-in-charge	Sqm	576.17	88.37	EightyEight Paise ThirtySeven Only
115	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labourComplete as per specifications and the directions of the Engineer-in-charge	Sqm	507.06	101.96	One Hundred One Paise NinetySix Only
116	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 . KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof Complete as per specifications and the directions of the Engineer-in-charge	Sqm	587.39	133.68	One Hundred ThirtyThree Paise SixtyEight Only
117	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specification and directions of the Engineer in charge.	Sqm	112.29	115.56	One Hundred Fifteen Paise FiftySix Only
118	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specification and directions of the Engineer in charge.	sqm	210.24	100.83	One Hundred Paise EightyThree Only

9	Providing and fixing dadoing with Glazed tiles of approved size, make & sample and of 6mm minimum thick of first quality, conforming to IS specifications, set in cement mortar 1:3 (1 cement : 3 fine sand) 10mm thick with a thin coat of cement slurry on the rough plastered surfaces including finishing the joints with matching coloured cement, oxalic acid wash, waxing, curing etc. with all lead and lift etc. complete as per the directions of the Engineer-in-charge including cost & conveyance of all materials, cost of labour for all items of work, equipment and all other incidental charges for the successful Complete as per specifications and the directions of the Engineer-in-charge.(Ground Floor)	Sqm	113.00	1439.94	One Thousand Four Hundred ThirtyNine Paise NinetyFour Only
120	Providing and fixing dadoing with Glazed tiles of approved size, make & sample and of 6mm minimum thick of first quality, conforming to IS specifications, set in cement mortar 1:3 (1 cement : 3 fine sand) 10mm thick with a thin coat of cement slurry on the rough plastered surfaces including finishing the joints with matching coloured cement, oxalic acid wash, waxing, curing etc. with all lead and lift etc. complete as per the directions of the Engineer-in-charge including cost & conveyance of all materials, cost of labour for all items of work, equipment and all other incidental charges for the successful completion of the work.(First Floor)	Sqm	78.98	1442.04	One Thousand Four Hundred FourtyTwo Paise Four Only
121	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications.-do- using silver grey granite/Multy Red/Ruby Red/Black/ Hassan Green Granite of width not less than 1200mm.Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	Sqm	214.42	3103.07	Three Thousand One Hundred Three Paise Seven Only
122	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications.-do- using silver grey granite/Multy Red/Ruby Red/Black/ Hassan Green Granite of width not less than 1200mm.Complete as per specifications and the directions of the Engineer-in-charge First Floor	Sqm	214.42	3109.87	Three Thousand One Hundred Nine Paise EightySeven Only

123	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specification and directions of the Engineer in charge.	sqm	87.60	1848.93	One Thou Eight Hun FourtyEig Paise NinetyThree O
124	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per specification and directions of the Engineer in charge.	sqm	217.44	5048.29	Five Thousand FourtyEight Paise TwentyNine Only
125	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc.,Complete as per specifications and the directions of the Engineer-in-charge	m	169.52	203.93	Two Hundred Three Paise NinetyThree Only
126	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc.,Complete as per specifications and the directions of the Engineer-in-charge	m	146.72	206.19	Two Hundred Six Paise Nineteen Only
127	Fixing of Door frames in an existing opening including embedding frame in floor and walls after cutting masonry for embedding holdfasts including providing & fixing 3/4 of MS hold fasts of size 200x20x3mm for each side and fixed to the frame and embeded with PCC 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size), painting two coats of coal tar to sides of frames, making good the damages to walls & floor as required and disposal of debris including cost of materials, labour, HOM of machineries Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	Nos	4.00	1547.57	One Thousand Five Hundred FourtySeven Paise FiftySeven Only
128	Fixing of Door frames in an existing opening including embedding frame in floor and walls after cutting masonry for embedding holdfasts including providing & fixing 3/4 of MS hold fasts of size 200x20x3mm for each side and fixed to the frame and embeded with PCC 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size), painting two coats of coal tar to sides of frames, making good the damages to walls & floor as required and disposal of debris including cost of materials, labour, HOM of machineries Complete as per specifications and the directions of the Engineer-in-charge First Floor	Nos	5.00	1552.10	One Thousand Five Hundred FiftyTwo Paise Ten Only

9	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specification and directions of the Engineer in charge.	Cum	0.37	99248.32	NinetyNine Thousand Two Hundred FourtyEight Paise ThirtyTwo Only
130	Providing Teak wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specification and directions of the Engineer in charge.	cum	0.08	206280.94	Two Lakh Six Thousand Two Hundred Eighty Paise NinetyFour Only
131	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specification and directions of the Engineer in charge.	Sqm	10.60	5349.65	Five Thousand Three Hundred FourtyNine Paise SixtyFive Only
132	Providing and fixing in position panelled shutters for doors made out of honnewood styles and rails of 40mm thick with bottom and lock rails 180mm wide, top rail and styles 100mm wide and panels of 18mm thick of exterior grade plain particle board, fixed with necessary teakwood beading including cost of materials, labour, HOM of machineries complete as per specifications with all lead & lift, loading & unloading and all other incidental charges etc. all Complete as per specifications and the directions of the Engineer-in-charge work (excluding cost of fixtures) First Floor	Sqm	11.97	4002.61	Four Thousand Two Paise SixtyOne Only
133	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame.Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	m	27.30	509.81	Five Hundred Nine Paise EightyOne Only

134	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame.Complete as per specifications and the directions of the Engineer-in-charge First Floor	m	22.80	514.35	Five Hundred Fourteen Paise ThirtyFive Only
135	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments	Sqm	11.03	4305.10	Four Thousand Three Hundred Five Paise Ten Only

	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments	Sqm	6.30	4309.63	Four Thousand Three Hundred Nine Paise SixtyThree Only
137	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications. Pg no:121.Item no:15.60.1	Sqm	11.34	109.89	One Hundred Nine Paise EightyNine Only
138	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 ems. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM complete as per specifications.	Sqm	39.60	3777.16	Three Thousand Seven Hundred SeventySeven Paise Sixteen Only
139	5.5mm thick plain glass	Sqm	7.68	577.84	Five Hundred SeventySeven Paise EightyFour Only
140	Renewal of old putty of glass panes including cost of materials, labour, complete as per specification and directions of the Engineer in charge.	m	4.00	40.79	Fourty Paise SeventyNine Only

141	Providing & of Fixed Louvered Ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections with Minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free with gaskets-grey colour having isolated drainage and reinforced with Galvanized Iron profiles through out the Ventilator Frame. The frame having a overall size of 39mm x 39mm with GI reinforcement of 1 mm thickness. Louver clip in Aluminium(powder coated in white) will be used on the frame along with plastic parts for fixing the4mm pin head glass. Wall thickness of frame shall be 2mm. Maximum possible size-1000mm X 1000mm	Sqm	4.05	4114.77	Four Thousan One Hundred Fourteen Paise SeventySeven Only
142	Providing & fixing of 3 Track - 2 Panel Sliding Windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free, gaskets having isolated drainage and reinforced with Galvanized Iron profile through-out the window Frame. The outer frame having a overall size of 108 mm width X 45 mm height with reinforcement of 1 mm thickness and sash with overall size of 39 mm x 75 mm with GI reinforcement of 2 mm and mesh sash of size 30mm.Windows shall be provided with 5mm plain float glass, standard hardware and single point locking system with touch lock. Wall thickness of frame and sash shall be of 2mm -2.5mm. Maximum possible size - 2419mm x 21119 mm	Sqm	36.00	5913.84	Five Thousand Nine Hundred Thirteen Paise EightyFour Only
143	Providing and fixing MS grill work for windows and ventilators weighing 21 kgs./ sqm. using MS flats or MS square bars or combination of MS flats and square bars as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat red lead primer & two coats synthetic enamel paint, cost of materials, fixtures, labour and HOM of machinery complete as per technical specification and as directed by the Engineer-in-Charge of work.with all lead & lift, loading & unloading and all other incidental charges etc.GroundFloor	kg	1030.05	107.63	One Hundred Seven Paise SixtyThree Only
144	Providing and fixing MS grill work for windows and ventilators weighing 21 kgs./ sqm. using MS flats or MS square bars or combination of MS flats and square bars as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat red lead primer & two coats synthetic enamel paint, cost of materials, fixtures, labour and HOM of machinery complete as per technical specification and as directed by the Engineer-in-Charge of work.with all lead & lift, loading & unloading and all other incidental charges etc.First Floor	Kg	831.60	114.42	One Hundred Fourteen Paise FourtyTwo Only

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45	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.. First Floor	Sqm	39.60	55.51	FiftyFive Paise FiftyOne Only
146	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications First Floor	Sqm	701.55	107.63	One Hundred Seven Paise SixtyThree Only
147	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications First Floor	Sqm	39.60	116.69	One Hundred Sixteen Paise SixtyNine Only
148	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per specification and directions of the Engineer in charge.	Sqm	506.94	595.92	Five Hundred NinetyFive Paise NinetyTwo Only
149	Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick Ground Floor	Sqm	55.95	1370.83	One Thousand Three Hundred Seventy Paise EightyThree Only
150	Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing,Complete as per specifications and the directions of the Engineer-in-charge. - for Ceramic Tiles of size 30x30cms 6mm thick First Floor	Sqm	25.73	1373.10	One Thousand Three Hundred SeventyThree Paise Ten Only

151	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specification and directions of the Engineer in charge.	Sqm	118.07	1848.93	One Thou Eight Hund FourtyEig Paise NinetyThree O
152	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, Complete as per specifications and the directions of the Engineer-in-charge	Sqm	260.52	714.87	Seven Hundred Fourteen Paise EightySeven Only
153	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, Complete as per specifications and the directions of the Engineer-in-charge	Sqm	210.34	717.14	Seven Hundred Seventeen Paise Fourteen Only
154	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge	Sqm	742.86	295.69	Two Hundred NinetyFive Paise SixtyNine Only
155	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, Complete as per specifications and the directions of the Engineer-in-charge	Sqm	679.95	123.95	One Hundred TwentyThree Paise NinetyFive Only

6	Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72x72x4.8 mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq.rod for verticals at 150mm c/c , as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats.The work is inclusive of throughing GI, Flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like GI Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop. Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes, with all lead and lift, loading, trasportation, unloading, scaffolding charges and all other	Sqm	26.40	13086.31	Thirteen Thousand EightySix Paise ThirtyOne Only
157	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specification and directions of the Engineer in charge.	Sqm	11.95	6821.31	Six Thousand Eight Hundred TwentyOne Paise ThirtyOne Only
158	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., Complete as per specifications and the directions of the Engineer-in-charge	Sqm	22.44	3412.36	Three Thousand Four Hundred Twelve Paise ThirtySix Only

159	Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., Complete as per specifications and the directions of the Engineer-in-charge	Sqm	83.24	6088.94	Six Thousand EightyEight Paise NinetyFour Only
160	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specification and directions of the Engineer in charge.	Cum	20.23	368.20	Three Hundred SixtyEight Paise Twenty Only
161	Supply and fixing of childern Multi Play Equipment with curved slide and number panel : Upright structural posts of height 2.4 m, 2.7 m, 3.3 m schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. All metal components are to be finished with a baked on powder coat finish.With deck of size 1.45 x 1.45m and Staircase of size 1.5m x 0.77 m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Decks are pressed, punched, and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Along with Handrail of height 2.2 m and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes with a baked on powder coating finish.Curved Slide of size 1.94 m x 1.85 m x 2.4 m, Panels,Toprails Of Monkey loop of size 1.8 m x 1.3 m.Deck of size 1.45 x 1.45m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Decks are pressed, punched, and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Roof of size Dia 2 m and height 0.82 m. Spiral Slide of size 1.16 m x 1.6 m x 3.6 m	Each	1.00	2309158.46	TwentyThree Lakh Nine Thousand One Hundred FiftyEight Paise FourtySix Only
162	Supply and fixing of childern Play Equipment Fiero A Swing : Shaped structural posts of height 2.31 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Plastic Components such as swing seats [super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges	Each	1.00	133109.71	One Lakh ThirtyThree Thousand One Hundred Nine Paise SeventyOne Only

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3	Providing 20mm square M.S footrest and fixing in manhole Nos 232.00 with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specification and directions of the Engineer in charge.	No.s	4.00	312.69	Three Hundred Twelve Paise SixtyNine Only
164	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.Complete as per specifications and the directions of the Engineer-in-charge Short point upto 3m	Point	60.00	209.80	Two Hundred Nine Paise Eighty Only
165	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Medium point above 3m - 6m	Point	48.00	288.48	Two Hundred EightyEight Paise FourtyEight Only
166	Supplying heavy gauge pvc conduit pipe... dia confirming to IS 2509 with suitable size benda. Junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering dameged portion using havey gauge saddles at an intereval of 70mm using NF screws .Complete as per specifications and the directions of the Engineer-in-charge 25mm dia 2mm thick	Rm	168.00	68.19	SixtyEight Paise Nineteen Only
167	Concealed Conduit System - Supplying heavy gauge PVC conduit pipe ......mm dia ....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of unction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary .Complete as per specifications and the directions of the Engineer-in-charge 25mm dia 2mm thick	Rm	168.00	55.60	FiftyFive Paise Sixty Only

168	Concealed Conduit System - Supplying heavy gauge PVC conduit pipe ……mm dia …….mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of unction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary .Complete as per specifications and the directions of the Engineer-in-charge 32mm dia 2mm thick	Mtr	110.00	87.07	EightySeven Paise Seven Only
169	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary..Complete as per specifications and the directions of the Engineer-in-charge 19/20mm dia, 2mm thick	Mtr	50.00	41.96	FourtyOne Paise NinetySix Only
170	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary..Complete as per specifications and the directions of the Engineer-in-charge 25mm dia, 2mm thick	Rm	168.00	56.65	FiftySix Paise SixtyFive Only
171	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary..Complete as per specifications and the directions of the Engineer-in-charge 25mm dia, 2mm thick	Mtr	60.00	55.60	FiftyFive Paise Sixty Only
172	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary..Complete as per specifications and the directions of the Engineer-in-charge 32mm dia, 2mm thick	Mtr	20.00	87.07	EightySeven Paise Seven Only
173	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc.,.(ELE SR 2019-20 Page-2, Item-1.4.5)200x90x65mm	Each	18.00	116.44	One Hundred Sixteen Paise FourtyFour Only
174	Supplying and fixing PVC/ Metal conduit accessories.Complete as per specifications and the directions of the Engineer-in-charge	Each	6.00	62.94	SixtyTwo Paise NinetyFour Only

5	Suppling and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complet. 12"x12"x3"(330x300x76mm)(ELE SR 2019-20 Page-3, Item-1.6.1-1.6.8)	Each	60.00	107.00	One Hundred Seven Only
176	Suppling and wiring adopting loop system in existing PVC Conduit/ casting capping using copper PVC insulated multi strand 2x1.5sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box. The outher end of the wires shall be terminated with sufficient loose lenght in a wood / PVC round block. compelete for each outlet. Complete as per specifications and the directions of the Engineer-in-charge Medium point above 3 Mtr up to 6 mtr from tapping point to out let via switch	Point	12.00	288.48	Two Hundred EightyEight Paise FourtyEight Only
177	Suppling and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos, of machines screws, bolts nuts etc., Complete as per specifications and the directions of the Engineer-in-charge Group-A Module	Each	30.00	183.58	One Hundred EightyThree Paise FiftyEight Only
178	Supplying and fixing of 32 Amps security and energy saving DP switch with key tag suitable to operate on 230 volts, 50Hz AC supply and completely wired on existing box. complete as per specification and directions of the Engineer in charge.	Each	12.00	713.32	Seven Hundred Thirteen Paise ThirtyTwo Only
179	Wiring for lighting/power circuit using one of pvc insulated 1100v grade, multistrand copper conductor singal core cable in open or concealed system of wiring.Complete as per specifications and the directions of the Engineer-in-charge 6Sqmm	Mtr	474.00	73.43	SeventyThree Paise FourtyThree Only
180	Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary materials like bends, screws at an interval of 300mm... Etc as required.Complete as per specifications and the directions of the Engineer-in-charge	Mtr	90.00	23.08	TwentyThree Paise Eight Only
181	Supplying PVC/GI Flexible conduit pipe.. Mm dia fixing on surface over inverted wooden pugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and either end of the pie terminated Complete as per specifications and the directions of the Engineer-in-charge	Mtr	96.00	23.08	TwentyThree Paise Eight Only
182	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws.Complete as per specifications and the directions of the Engineer-in-charge	Nos	96.00	11.54	Eleven Paise FiftyFour Only
183	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1 - 3 Way Complete as per specifications and the directions of the Engineer-in-	Each	76.00	99.66	NinetyNine Paise SixtySix Only

184	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 4 - 5 Way Complete as per specifications and the directions of the Engineer-in-charge	Each	72.00	110.15	One Hundred Ten Paise Fifteen Only
185	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountin in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654 . 6AMP 3/5 and Switch Complete as per specifications and the directions of the Engineer-in-charge	No	82.00	138.47	One Hundred ThirtyEight Paise FourtySeven Only
186	Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293 Complete as per specifications and the directions of the Engineer-in-charge	Each	70.00	157.35	One Hundred FiftySeven Paise ThirtyFive Only
187	Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293 Complete as per specifications and the directions of the Engineer-in-charge	Each	20.00	179.38	One Hundred SeventyNine Paise ThirtyEight Only
188	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 Complete as per specifications and the directions of the Engineer-in-charge	No	24.00	203.51	Two Hundred Three Paise FiftyOne Only
189	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 Electronic stepped regulator. Complete as per specifications and the directions of the Engineer-in-charge	No	15.00	221.34	Two Hundred TwentyOne Paise ThirtyFour Only
190	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments 1.5sqmm Complete as per specifications and the directions of the Engineer-in-charge	Rm	231.20	21.03	TwentyOne Paise Three Only

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1	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments 2.5sqmm Complete as per specifications and the directions of the Engineer-in-charge	Rm	321.20	33.57	ThirtyThree Paise FiftySeven Only
192	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments 4sqmm Complete as per specifications and the directions of the Engineer-in-charge	Mtr	60.00	47.21	FourtySeven Paise TwentyOne Only
193	Supplying and fixing Metal Fan Box with Round Hook Complete as per specifications and the directions of the Engineer-in-charge	Each	21.00	89.17	EightyNine Paise Seventeen Only
194	Supplying and fixing of Group A, regular MCB distribution boards on wall/woodboard/flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB'S single phase/ 3 phase / single door with powder coated painting made out of SWG MS enclosute 12 way SP & N Complete as per specifications and the directions of the Engineer-in-charge	Nos	3.00	1269.29	One Thousand Two Hundred SixtyNine Paise TwentyNine Only
195	Supply and fixing miniature circuit breakers on the existing MCB distribution boards using necessary fixing meterials and "C" type curve, Indiator ON/OFF energy cross -3 with as required confirming to IEC 60898 5-32 AMPS DP Complete as per specifications and the directions of the Engineer-in-charge	Nos	4.00	953.54	Nine Hundred FiftyThree Paise FiftyFour Only
196	Supplying, fixing and wiring earth electrode for grounding conduits , I.C. cutouts and others equipments on the meter board using 40mm dia 2.90mm long buried in a pit.. the pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit ect, is to be established through GI wire of size as ISI specification 7.3.3 of IS 732 using 12mm dia bolt, nut, washers and check nuts ect... the pipe shall have 16 through holes of 122mm dia,Complete as per specifications and the directions of the Engineer-in-charge	No	1.00	3146.69	Three Thousand One Hundred FourtySix Paise SixtyNine Only
197	Supplying and fixing Trivector meter suitable for operation LT operation and CT operated meter in polycarbonate body in class 0.5accuracy as per IS 14697 and completely wired	Each	2.00	3828.85	Three Thousand Eight Hundred TwentyEight Paise EightyFive Only

198	Supplying, fixing and wiring earth electrode for grounding conduits , I.C. cutouts and others equipments on the meter board using 40mm dia 2.90mm long buried in a pit.. the pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit ect, is to be established through GI wire of size as ISI specification 7.3.3 of IS 732 using 12mm dia bolt, nut, washers and check nuts ect... the pipe shall have 16 through holes of 122mm dia.	No	1.00	3146.69	Three Thousand One Hundred FourtySix Paise SixtyNine Only
199	Supplying and running of GI/ copper strips for grounding connections, using necessary fixing materials as required.25 x 3mm G.I strip Complete as per specifications and the directions of the Engineer-in-charge	Mtr	70.00	78.68	SeventyEight Paise SixtyEight Only
200	Supply Exhaust fan if 1440 RPM of (12") size with dracket blades complete for light duty suitable to -oerate on 230V 50Hz, supply complete Complete as per specifications and the directions of the Engineer-in-charge	Each	7.00	1258.80	One Thousand Two Hundred FiftyEight Paise Eighty Only
201	Supplying of ......feet - PVC Batten with integrated LED tube .....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. LED light fighting 1 x4'-20/22 w	Each	18.00	393.38	Three Hundred NinetyThree Paise ThirtyEight Only
202	Supplying & fixing retrofit type -PL- LED Lamp ....W LED linear source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition.8-9 Watts	Each	10.00	367.15	Three Hundred SixtySeven Paise Fifteen Only
203	Suppiying and fixing of slim box Fitting ,made out of CRCA sheet metal body with locking type holder completely wired Excluding Ballast &Flouresent Tube. 1X4' Tube light Fitting Complete as per specifications and the directions of the Engineer-in-charge	Nos	50.00	314.70	Three Hundred Fourteen Paise Seventy Only

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4	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system 48" sweep (1200mm) Complete as per specifications and the directions of the Engineer-in-charge	Each	37.00	2192.41	Two Thousand One Hundred NinetyTwo Paise FourtyOne Only
205	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING faciility.600mmX600mmX170mm	Sq.cms	1.00	12672.97	Twelve Thousand Six Hundred SeventyTwo Paise NinetySeven Only
206	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc.,and painted with 2 coats of red oxide and then two coats of approved paint (49/6.39)75x75x6mm	Mtr	4.00	498.28	Four Hundred NinetyEight Paise TwentyEight Only
207	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc.,and painted with 2 coats of red oxide and then two coats of approved paint (49/6.39)75x150x50x6mm C channel	Mtr	4.00	679.75	Six Hundred SeventyNine Paise SeventyFive Only
208	Supplying and Fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete, protection of Overload and Short circuit with thermal Magnetic/Microprocessed release and Earth Fault as per IS-13947. (icu =Ics) (53/4.12) 63/100Amps 25kA	Each	1.00	6093.64	Six Thousand NinetyThree Paise SixtyFour Only
209	Supplying and fixing Trivector meter suitable for operation LT operation and CT operated meter in polycarbonate body in class 0.5accuracy as per IS 14697 and completely wired	Each	1.00	3963.12	Three Thousand Nine Hundred SixtyThree Paise Twelve Only
210	Supplying, fixing and wiring 50/5 to 1000/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound (48/6.32)	Each	2.00	755.28	Seven Hundred FiftyFive Paise TwentyEight Only
211	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated, extruded inner sheathed, galvanised, steel strip (except 2Cx 10Sq.mm wire armoured) Confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheated armoured cable with specified IS-1554 Part-1:1998 & confirming to the attached GTP of GROUP-A. (62/7.4) 4 core 16 sqmm	Mtr	30.00	157.35	One Hundred FiftySeven Paise ThirtyFive Only
212	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct. (68/7.8)25 sqmm to 75 sqmm	Mtr	30.00	16.26	Sixteen Paise TwentySix Only
213	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct. (68/7.8)300 sqmm 400 sqmm	Mtr	30.00	33.57	ThirtyThree Paise FiftySeven Only

214	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.(64/7.21) 25 sqmm Long Barrel	Each	8.00	21.60	TwentyOne Paise Sixty Only
215	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.(64/7.21) 300 sqmm Long Barrel	Each	8.00	354.56	Three Hundred FiftyFour Paise FiftySix Only
216	Supplying and fiixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) (69/7.14) 50mm dia	Each	8.00	267.50	Two Hundred SixtySeven Paise Fifty Only
217	Supplying and fiixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) (69/7.14) 75mm dia	Each	4.00	520.30	Five Hundred Twenty Paise Thirty Only
218	Digging of trench of 0.6m deep x 0.50 mtr wide refiling the trench to the required ground level and consolidating. (68/7.9) In soil (hard)	Mtr	20.00	111.19	One Hundred Eleven Paise Nineteen Only
219	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. (68/7.12) 40mm	Mtr	5.00	361.91	Three Hundred SixtyOne Paise NinetyOne Only
220	Providing and fixing white vitreous china clay, water closet europeon type (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets , 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Each	10.00	5614.75	Five Thousand Six Hundred Fourteen Paise SeventyFive Only
221	Providing and fixing white vitreous china clay,flat back wash basin size 630x450mm with a Single 15mm C.P brass pillar taps with C.I / M.S brackets ,32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Unit	7.00	3567.57	Three Thousand Five Hundred SixtySeven Paise FiftySeven Only
222	Providing and fixing white vitreous china clay,flat back or half stall urinal basin of size 580x380x350mm in the range of two with 7.5 litres P.V.C automatic flushing cistern, C.I / M.S brackets ,standard flush pipe and C.P brass spreaders with brass unions and G.I clamps, C.I trap with outlet grating and other couplings in C.P brass, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Unit	7.00	9146.06	Nine Thousand One Hundred FourtySix Paise Six Only
223	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Unit	2.00	1287.00	One Thousand Two Hundred EightySeven Only

	Providing and fixing C.P brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Unit	6.00	837.23	Eight Hundred ThirtySeven Paise TwentyThree Only
225	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.Complete as per specifications and the directions of the Engineer-in-charge	Each	26.00	169.94	One Hundred SixtyNine Paise NinetyFour Only
226	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.Complete as per specifications and the directions of the Engineer-in-charge - do - 110 mm dia	m	95.00	491.69	Four Hundred NinetyOne Paise SixtyNine Only
227	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.Complete as per specifications and the directions of the Engineer-in-charge - do - 160 mm dia	m	35.00	966.38	Nine Hundred SixtySix Paise ThirtyEight Only
228	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm. Complete as per specifications and the directions of the Engineer-in-charge	Nos.	3.00	9618.49	Nine Thousand Six Hundred Eighteen Paise FourtyNine Only
229	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 3000 Litre capacity) Complete as per specifications and the directions of the Engineer-in-charge	Each	1.00	23206.73	TwentyThree Thousand Two Hundred Six Paise SeventyThree Only

230	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads Complete as per specifications and the directions of the Engineer-in-charge	Each	25.00	196.00	One Hundred NinetySix Only
231	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads Complete as per specifications and the directions of the Engineer-in-charge	Each	16.00	159.74	One Hundred FiftyNine Paise SeventyFour Only
232	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads Complete as per specifications and the directions of the Engineer-in-charge	Each	3.00	380.66	Three Hundred Eighty Paise SixtySix Only
233	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) Complete as per specifications and the directions of the Engineer-in-charge	m	300.00	266.24	Two Hundred SixtySix Paise TwentyFour Only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.